

Ze-Yu Ruan

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

283
citations

1040056

9
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

234
citing authors

#	ARTICLE	IF	CITATIONS
1	A square antiprism dysprosium single-ion magnet with an energy barrier over 900 K. <i>Chemical Communications</i> , 2019, 55, 9939-9942.	4.1	62
2	Guest-Driven Light-Induced Spin Change in an Azobenzene Loaded Metal-Organic Framework. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 27144-27150.	13.8	39
3	Field-induced oscillation of magnetization blocking barrier in a holmium metallacrown single-molecule magnet. <i>CheM</i> , 2021, 7, 982-992.	11.7	36
4	Seeking magneto-structural correlations in easily tailored pentagonal bipyramid Dy(III) single-ion magnets. <i>Science China Chemistry</i> , 2020, 63, 1066-1074.	8.2	29
5	Enhancing single-molecule magnet behavior of linear Coll-DyIII-Coll complex by introducing bulky diamagnetic moiety. <i>Science China Chemistry</i> , 2018, 61, 1399-1404.	8.2	24
6	Slow magnetic relaxation in a {EuCu ₅ } metallacrown. <i>Dalton Transactions</i> , 2019, 48, 1686-1692.	3.3	24
7	Reversible on-off switching of spin-crossover behavior via photochemical [2+2] cycloaddition reaction. <i>Science China Chemistry</i> , 2022, 65, 120-127.	8.2	15
8	Sensitive magnetic-field-response magnetization dynamics in a one-dimensional dysprosium coordination polymer. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 4657-4665.	6.0	13
9	Light-induced hidden multistability in a spin crossover metal-organic framework. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 1770-1776.	6.0	11
10	Slow magnetic dynamics in centrosymmetric didysprosium and equilateral triangular tridysprosium molecules. <i>Dalton Transactions</i> , 2020, 49, 4164-4171.	3.3	7
11	Guest-Driven Light-Induced Spin Change in an Azobenzene Loaded Metal-Organic Framework. <i>Angewandte Chemie</i> , 2021, 133, 27350-27356.	2.0	5
12	Single-Crystal to Single-Crystal Transformation of a Spin-Crossover Hybrid Perovskite via Thermal-Induced Cyanide Linkage Isomerization. <i>Inorganic Chemistry</i> , 2022, 61, 9047-9054.	4.0	5
13	Tuning luminescence of didysprosium single-molecule magnets with a π -conjugated/non-conjugated bridging ligand. <i>Dalton Transactions</i> , 2021, 50, 6778-6783.	3.3	4
14	Opening magnetic hysteresis <i>via</i> improving the planarity of equatorial coordination by hydrogen bonding. <i>Dalton Transactions</i> , 2022, 51, 7986-7996.	3.3	4
15	Reversible Switchability of Magnetic Anisotropy and Magnetodielectric Effect Induced by Intermolecular Motion. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	3
16	2D/3D spin crossover porous coordination polymers based on isomeric tetrapyridyl benzene ligands. <i>CrystEngComm</i> , 0, , .	2.6	2